

IV.—*Descriptions of some new Genera and Species of Heterocera from Central and Tropical South America.* By HERBERT DRUCE, F.L.S. &c.

THE new species from Central America will be figured in the 'Biologia Centrali-Americana.'

Fam. *Castniidæ*.

Castnia Staudingeri, sp. n.

Primaries reddish brown, shading to yellowish brown in the middle; a large brown spot at the end of the cell and three smaller brown spots near the anal angle; two round hyaline white dots near the apex; the fringe yellowish brown: secondaries deep orange, shading to pale yellow in the middle and on the inner margin, the base black, thickly clothed with dark brown hairs; a wide band of deep black submarginal spots extends from the anal angle almost to the apex, the spots become smaller near the apex; the outer margin edged with blackish brown, becoming wider near the anal angle; the fringe yellow. Underside of primaries orange, of secondaries pale whitish yellow, with the markings as above, but quite indistinct. Head, antennæ, and thorax reddish brown; abdomen blackish brown at the base, then to the anus thickly irrorated with yellow scales, the anus orange; the underside of the thorax and abdomen yellowish white, the legs dark reddish brown above, whitish on the underside.

Expanse 4 inches.

Hab. Panama, Chiriqui (*Trötsch*, in *Mus. Staudinger*).

I have great pleasure in naming this fine species after Dr. Staudinger, who has kindly lent it to me with many others for the 'Biologia,' where I hope it will shortly be figured.

Fam. *Agaristidæ*.

Phasis præfectus, sp. n.

Primaries dark blackish brown: secondaries bright citron-yellow, broadly bordered with black. The head, antennæ, palpi, thorax, and legs black; abdomen yellow, with a central black band and one on each side, all extending from the base to the anus; the anal tuft black.

Expanse 2 inches.

Hab. Bolivia (*Mus. Druce*).

Fam. Zygænidæ.

Histica maon, sp. n.

Primaries and secondaries dark brown; primaries streaked with red from the base almost to the middle; a metallic blue spot at the base and a metallic blue streak at the end of the cell, beyond which the wing is partly crossed by a rather wide yellow band, which does not reach either margin; the fringe dark brown: secondaries with a round carmine spot below the cell nearest the outer margin, the fringe brown. The head, thorax, antennæ, and legs dark brown; a metallic blue dot on each side of the head and one on the base of each of the tegulæ; the upperside of the abdomen very bright metallic blue, the underside dark brown.

Expanse $2\frac{3}{4}$ inches.

Hab. Bolivia (*Mus. Druce*).

Pseudosphonoptera demoanassa, sp. n.

♂. Primaries and secondaries dull black; a small hyaline streak on the costal margin close to the base, below which is a rather wide short metallic green streak; the fringe of both wings black. Underside very similar to the upperside; the secondaries have a short green streak on the costal margin. The head, antennæ, thorax, and abdomen black; collar spotted with green; abdomen striped with green from the base to the anus; legs black.

Expanse $1\frac{1}{2}$ inch.

Hab. Panama, Chiriqui (*in Mus. Staudinger*).

Macrocneme cyllarus, sp. n.

Primaries and secondaries deep black, the primaries shot with green about the middle, extending from the costal margin across the wing, but not reaching the inner margin; the fringes of both wings black. The head, palpi, and thorax black; the abdomen bright metallic green on the underside, with two white lines which extend from the base to the anus; antennæ black, the tips white; legs black, spotted with white.

Expanse $1\frac{1}{4}$ inch.

Hab. Panama, Chiriqui (*Trötsch, in Mus. Staudinger*); Toboga Isl. (*J. J. Walker*).

Homæocera sahacon, sp. n.

Primaries and secondaries yellowish hyaline; primaries with the costal and inner margins near the base pale yellow;

a bright blue spot at the base of the wing; the veins, apex, outer and inner margin black: secondaries with a black spot at the anal angle. The head, antennæ, thorax, and legs black; abdomen deep blue-black, the segments edged with yellow.

Expanse $1\frac{8}{10}$ inch.

Hab. Panama, Volcan de Chiriqui (*Trötsch, in Mus. Staudinger*).

This fine species is allied to *Homæocera dalsa*, Schaus, from Brazil.

Homæocera samina, sp. n.

Female.—Primaries and secondaries hyaline, the veins, apex, outer and inner margins of both wings black; antennæ and thorax black; the head, tegulæ, and abdomen bright orange, the abdomen with each segment edged with black, and a central row of metallic blue spots extends from the base to the anus; legs orange-yellow.

Expanse $1\frac{1}{2}$ inch.

Hab. Panama, Chiriqui (*Trötsch, in Mus. Staudinger*).

Very distinct from any described species.

Læmocharis nox, sp. n.

Primaries and secondaries smoky hyaline, with the veins all black. Antennæ, head, thorax, abdomen, and legs black; tegulæ and a spot at the base of the abdomen bright carmine.

Expanse $1\frac{1}{4}$ inch.

Hab. Honduras (*Wittkugle, in Mus. Staudinger*).

Læmocharis fenestrata, sp. n.

Male.—Primaries brownish black, palest at the base and along the inner margin; the end of the cell and a band of four small spots beyond hyaline white: secondaries hyaline, the costal margin, apex, and outer margin broadly bordered with black; the fringes of both wings black. The head, antennæ, thorax, tegulæ, abdomen, and legs black; abdomen with a chrome-yellow spot on each side above the anus.—*Female* almost identical with the male.

Expanse, ♂ ♀, 1 inch.

Hab. South Brazil (*Mus. Druce*).

Cosmosoma meres, sp. n.

Primaries yellowish hyaline, the costal margin and the base deep yellow; the apex, outer and inner margins black;

the veins black : secondaries hyaline, the costal margin yellow, outer and inner margins black. The head, antennæ, thorax, and abdomen black, the abdomen spotted with blue ; two spots at the base of the abdomen and two about the middle dark chrome-yellow ; legs black.

Expanse $1\frac{1}{4}$ inch.

Hab. Panama, Chiriqui (*Trötsch, in Mus. Staudinger*).

Ilipa unxa, sp. n.

Primaries yellowish hyaline, the costal margin from the end of the cell to the apex black ; the apex broadly black, the base of the wing and the veins black : secondaries hyaline, edged with black at the apex and anal angle. Head metallic green ; antennæ, tegulæ, thorax, abdomen, and legs black ; the anal segment of the abdomen metallic green ; a small red spot on each side of the abdomen at the base.

Expanse $1\frac{3}{10}$ inch.

Hab. Panama, Volcan de Chiriqui (*Trötsch, in Mus. Staudinger*).

Dycladia ladan, sp. n.

Primaries and secondaries clear hyaline, the veins, costal, outer, and inner margins, and a rather wide band crossing the wing from the costal margin to the anal angle all black. Antennæ, head, thorax, abdomen, and legs black, the abdomen spotted with red at the base.

Expanse $1\frac{1}{10}$ inch.

Hab. Panama, Chiriqui (*Trötsch, in Mus. Staudinger*).

PHÆNARETE, gen. nov.

Type *P. diana*, Druce.

Antennæ minutely ciliated, rather short. Palpi upturned, the third joint very short ; legs slender, without any tufts. Head small, thorax stout, abdomen short and thick. Wings very long and narrow, costal margin straight ; secondaries wider than the primaries.

Phænarete diana, sp. n.

Primaries hyaline ; the base, veins, a narrow band crossing the wing at the end of the cell, and the apex and inner margin all black : secondaries hyaline, the veins and outer margin black ; a small white dot on the costal margin of the primaries close to the base. The head, antennæ, thorax, abdomen, and legs black ; a small white spot on each side of

the head and a row of white spots on each side of the abdomen; the abdomen white at the base on the underside.

Expanse $1\frac{1}{2}$ inch.

Hab. Panama, Chiriqui (*Trötsch, in Mus. Staudinger*).

Argyroeides moza, sp. n.

Primaries and secondaries yellowish hyaline, the veins all dark brownish black; primaries with the costal margin from the base to the apex bright carmine, the outer and inner margins bordered with black, widest near the apex; secondaries edged with black from the apex to the anal angle. The antennæ, head, thorax, and abdomen black; abdomen white at the base and antennæ white at the tip; legs black; anus carmine.

Expanse $1\frac{1}{4}$ inch.

Hab. Panama, Chiriqui (*Trötsch, in Mus. Staudinger*).

Argyroeides (?) *faveria*, sp. n.

Female.—Primaries and secondaries hyaline; primaries, the base, costal and inner margins, and veins chrome-yellow to the middle of the wing, beyond which the veins are black; the apex broadly black, the outer margin edged with black, and an elongated black spot at the anal angle; secondaries with the apex edged with black. The head, antennæ, and palpi deep black; the collar, tegulæ, thorax, and basal half of the abdomen deep chrome-yellow; the anal segments of the abdomen black.

Expanse $1\frac{1}{10}$ inch.

Hab. Panama, Chiriqui (*Trötsch, in Mus. Staudinger*).

Argyroeides strigula, sp. n.

Male.—Primaries and secondaries yellowish hyaline, the veins black; the outer margin of the primaries and the apex and inner margin of the secondaries black. The head, antennæ, and thorax black; tegulæ red; abdomen black, yellow at the base, and each segment edged with red.

Expanse 1 inch.

Hab. South Brazil (*Mus. Druce*).

Argyroeides gyas, sp. n.

Male.—Primaries and secondaries yellowish hyaline, the costal and outer margins narrowly edged with black; second-

aries with the inner margin black. The head, antennæ, thorax, tegulæ, abdomen, and legs all dull smoky black.

Expanse $1\frac{1}{10}$ inch.

Hab. South Brazil (*Mus. Druce*).

Trichura augiades, sp. n.

Male.—Primaries and secondaries hyaline, the veins black; the outer and inner margins of both wings edged with black. The head, collar, tegulæ, and thorax bright carmine; the abdomen greenish black, slightly metallic on the three anal segments; palpi black, white in front. The underside of the thorax, abdomen, legs, and antennæ black.

Expanse $1\frac{3}{10}$ inch.

Hab. Bolivia (*Mus. Druce*).

NEOTRICHURA, gen. nov.

Type *N. penates*, Druce.

Allied to *Trichura*, but differs in having two brands on the upperside of the inner margin of the primaries and the costal margin of the secondaries being turned over on the underside, forming a kind of sack, containing a tuft of silky white hair. The wings are also more pointed than they are in *Trichura*; in other respects it is very similar to that genus.

Neotrichura penates, sp. n.

Primaries and secondaries clear hyaline, with the veins all black; primaries, the apex, outer and inner margins broadly bordered with black; on the inner margin about the middle are two pale brown brands: secondaries, the apex, costal and inner margins broadly bordered with black. The head, thorax, abdomen, and legs black; antennæ black, tipped with white; the front of the thorax, a spot on each side of the head, the base and sides of the abdomen metallic blue.

Expanse $1\frac{3}{4}$ inch.

Hab. Panama, Chiriqui (*Trötsch, in Mus. Staudinger*).

Syntrichura reba, sp. n.

Primaries and secondaries hyaline, the veins, costal, outer, and inner margins of both wings all black. The head, base of the thorax, and last two segments of the abdomen bright metallic blue; the thorax, tegulæ, and abdomen black, the abdomen banded with white at the base; collar greyish white; antennæ and legs black.

Expanse 1 inch.

Hab. Panama, Chiriqui (*Trötsch, in Mus. Staudinger*).

Syntrichura philocles, sp. n.

Primaries and secondaries hyaline, the veins, apex, outer and inner margins of the primaries black: secondaries, the costal margin white, the apex and outer margin edged with black. The head, antennæ, thorax, and abdomen black; a carmine spot on each side of the head; underside of the abdomen banded with white, and a row of white spots on each side; the legs black.

Expanse $1\frac{1}{10}$ inch.

Hab. Panama, Chiriqui (*Trötsch*, in *Mus. Staudinger*).

ENIOCHE, gen. nov.

Type *E. pitthea*, Druce.

Male.—Antennæ very long, slightly pectinated. Palpi small, standing out from the head, the third joint very short. Thorax and abdomen rather stout; legs long, slender, and without spurs. Primaries broad, the costal margin straight, the outer margin very much rounded, the inner margin very short. Secondaries almost wanting.

Enioche pitthea, sp. n.

Male.—Primaries hyaline, the costal margin, veins, apex, and outer margin black; a small blue dot at the base of each wing: secondaries black, very minute. The head, antennæ, thorax, and legs black; abdomen metallic blue; underside of the thorax white.

Expanse $1\frac{3}{10}$ inch.

Hab. Peru (*Mus. Druce*).

Fam. Arctiidæ.

Charidea ira, sp. n.

Male.—Primaries deep black, edged at the base on the inner margin with a metallic blue streak; a wide bright carmine band extends from the base to the end of cell and then to the anal angle; the inner margin of the wing black: secondaries black, with the apex bright carmine; the fringes of both wings black. Antennæ and palpi black; head, thorax, and abdomen bright metallic blue, thorax clothed with black hairs and abdomen banded with black. Underside very similar to the upperside.

Expanse $1\frac{4}{10}$ inch.

Hab. Panama, Chiriqui (*Trötsch*, in *Mus. Staudinger*).

Charidea azetas, sp. n.

Primaries dark brown, the costal margin from the base almost to the apex and the fringe chrome-yellow; a small streak at the base and a round spot below the end of the cell bright carmine: secondaries black, shot with bright blue at the base; a large carmine spot extends from apex to the middle of the outer margin; the fringe chrome-yellow. Underside very similar to the upperside, but more metallic blue at the base of both wings, and the red spot on the primaries very much larger. The head, antennæ, tegulæ, and thorax black; the collar, edges of the tegulæ, and a line down the middle of the thorax metallic green; abdomen black, banded with metallic green; underside of the abdomen white.

Expanse $1\frac{1}{2}$ inch.

Hab. Colombia (*Mus. Druce*).

Charidea lystra, sp. n.

Primaries dark brown, the base and inner margin close to the base metallic blue; a small red spot close to the base; fringe white: secondaries blue-black, the outer margin broadly bordered with bright carmine; the fringe chrome-yellow. Underside very similar to the upperside, but with more blue on both wings. The head, thorax, and abdomen bright metallic blue; antennæ and palpi black; tegulæ black, edged with metallic blue.

Expanse $1\frac{7}{10}$ inch.

Hab. Colombia (*Mus. Druce*).

Aclytia? laudabilis, sp. n.

Male.—Primaries dark brown, the veins almost black; a small yellow spot close to the base and a minute metallic green spot on the costal margin: secondaries yellow, broadly bordered with dark brown. The head, antennæ, thorax, and abdomen black; the collar and tegulæ metallic green on the upperside, on the underside entirely metallic green.—*Female* almost identical with the male, but slightly paler in colour.

Expanse $1\frac{4}{10}$ inch.

Hab. Bolivia (*Mus. Druce*).

PSEUDOCHARIDEA, gen. nov.

Allied to *Charidea*, from which it differs in the primaries being broader, the costal margin considerably arched about

the middle, the apex more rounded, and by having two bands on the underside close to the costal margin nearest the apex. The secondaries are very similar to those of *Charidea*, but are more rounded at the apex. The antennæ are rather long and slightly pectinated. In all other respects it is very similar to *Charidea*.

Pseudocharidea eion, sp. n.

Male.—Primaries deep black, streaked with metallic blue at the base and on the costal margin; a wide orange-yellow band crosses the wing about the middle, extending from the costal margin almost to the anal angle; the fringe black: secondaries black, shot with bright metallic blue from the base; the outer margin from the apex to the anal angle broadly bordered with orange-yellow; the fringe yellow. The underside very similar to the upperside, but with rather more blue on the wings. The head black, collar streaked with blue; a white dot on both sides of the head; tegulæ black, edged with metallic blue; thorax and abdomen bright metallic blue, abdomen with a black line on each side; underside of thorax white; antennæ black; legs slightly metallic blue-black.

Expanse $1\frac{3}{4}$ inch.

Hab. Panama, Chiriqui (*Trötsch, in Mus. Staudinger*).

Automolis tegyra, sp. n.

Primaries deep black, crossed from the costal to the inner margin by two wide primrose-yellow bands, the first near the base, the second nearest the apex: secondaries yellow, broadly bordered with black. The underside the same as above. The head, antennæ, palpi, and thorax black; the collar, front of thorax, and tegulæ primrose-yellow; abdomen dark chrome-yellow, the two anal segments black, edged with metallic blue; the legs black.

Expanse $1\frac{1}{2}$ inch.

Hab. Panama, Chiriqui (*Trötsch, in Mus. Staudinger*).

Automolis salma, sp. n.

Male.—Primaries and secondaries pale primrose-yellow; secondaries slightly darker along the inner margin; a small black spot on the inner margin of the primaries close to the anal angle. The head, collar, thorax, and tegulæ primrose-yellow; abdomen chrome-yellow, with a large metallic blue

spot on the last two segments; antennæ, palpi, and legs black.

Expanse $1\frac{4}{5}$ inch.

Hab. Panama, Chiriqui (*in Mus. Staudinger*).

Pionia raca, sp. n.

Primaries pale yellowish brown, without any marking: secondaries hyaline, the costal margin yellowish, the apex and outer margin slightly edged with black. The head, thorax, and tegulæ yellowish brown; antennæ, palpi, abdomen, and legs black; underside of the thorax and three basal segments of the abdomen yellowish brown.

Expanse $1\frac{6}{10}$ inch.

Hab. Panama, Chiriqui (*Trötsch, in Mus. Staudinger*).

Belemnina Trötschi, sp. n.

Male.—Primaries deep black, bronze-green at the base, and extending outwards to about the middle of the cell, beyond which the wing is crossed from the costal almost to the outer margin above the apex by a wide deep orange-yellow band: secondaries deep black, the base shot with bright metallic blue; the fringes of both wings black. Underside similar to the upperside, but with both wings shot with bright metallic blue; the secondaries with two blue dots beyond the middle. The head, antennæ, thorax, collar, and tegulæ deep black, the collar and tegulæ spotted with metallic blue dots, the thorax with two rather large metallic blue spots at the base: the abdomen dark bronze-green, on the underside bright carmine; the segments on each side of the abdomen are edged with metallic blue; legs black.—*Female* very similar to the male, but with much more blue on the secondaries.

Expanse, ♂ $2\frac{1}{10}$, ♀ $2\frac{1}{2}$ inches.

Hab. Costa Rica. Panama, Volcan de Chiriqui (*Trötsch, in Mus. Staudinger*).

I have named this very fine *Belemnina* after Herr Trötsch, who has sent so many new species to Dr. Staudinger from Chiriqui. The male is from the Volcan de Chiriqui and the female from Costa Rica.

Belemnina lydia, sp. n.

Primaries deep black, the base and a large square-shaped spot at the end of the cell bright metallic green: secondaries deep black; the fringes of both wings black. Underside:

primaries very similar to the upperside, but with the green spots much larger and brighter; secondaries with the base and two large spots beyond the middle very bright metallic green. The head metallic green, the palpi and antennæ black; tegulæ and thorax black, spotted with metallic green; abdomen deep black, spotted with metallic green on each side from the base to about the middle, the underside bright carmine.

Expanse $1\frac{3}{4}$ inch.

Hab. Colombia (*Mus. Druce*).

Belemnia rezia, sp. n.

Primaries: the basal half of the wing yellowish bronze-green, the outer half black, crossed from the costal margin to near the anal angle by a wide red-carmine band: secondaries deep black; underside of primaries very similar to the upperside, excepting that the primaries are blue-green at the base: secondaries with the basal half of the wing and two round spots about the middle bright metallic blue-green. The head, antennæ, thorax, abdomen, and legs black; the base of the abdomen and three spots on each side metallic green; the underside yellowish red.

Expanse 2 inches.

Hab. Interior of Colombia (*Mus. Druce*).

This fine species is allied to *B. jovis*, Butler.

Eucereon demonis, sp. n.

Primaries greyish black, with indistinct darker black markings; a square spot at the end of the cell and a broken band beyond partly crossing the wing, both hyaline: secondaries hyaline, broadly bordered with glossy bluish black, the veins black. Head, antennæ, thorax, and abdomen black; abdomen on the underside with white bands; a spot on each side of the head, one at the base of the abdomen, and two on each side of the abdomen, all bright carmine; legs black.

Expanse $1\frac{3}{4}$ inch.

Hab. Panama, Chiriqui (*Trötsch, in Mus. Staudinger*).

Neritos cotes, sp. n.

Primaries greyish brown, with a large U-shaped citron-yellow mark on the costal margin, and on the outer margin a smaller citron-yellow mark; the fringe yellow: secondaries chrome-yellow. Palpi and antennæ greyish brown; head

yellow; collar, tegulæ, and thorax brown; abdomen and legs chrome-yellow.

Expanse $1\frac{4}{10}$ inch.

Hab. Costa Rica, Candelaria Mts. (*Underwood*).

This species is allied to *Neritos flavoroseus*, Walk.

Neritos tipolis, sp. n.

Primaries pale purplish brown, crossed beyond the middle by a wide primrose-yellow band, which nearly surrounds a large purplish-brown spot near the apex: secondaries semi-hyaline yellow, darkest at the apex and on the outer margin; the fringes of both wings yellow. On the underside of the primaries the brown is replaced with purplish black. The head, abdomen, and legs yellow; the collar, tegulæ, and thorax pale purplish brown.

Expanse $1\frac{1}{2}$ inch.

Hab. Guatemala (*Conradt*, in *Mus. Staudinger*).

Neritos samos, sp. n.

Male.—Primaries very similar to those of *N. psamas*, but much redder in colour; the yellow band crossing the wing narrower, and not surrounding the apical spot, as it does in *N. psamas*: secondaries pale chrome-yellow. Head and thorax reddish brown; antennæ pale brown; abdomen bright red, the underside of the abdomen and legs pale yellow.

Expanse $1\frac{1}{4}$ inch.

Hab. British Honduras (*Mus. Druce*).

Neritos sithnides, sp. n.

Male.—Primaries and secondaries dark brown; primaries crossed beyond the middle by a bright yellow band, which extends from the costal to the outer margin; the outer margin and the fringe of both wings yellow. The head yellow; thorax dark brown; abdomen above bright orange-red, the underside, anus, and legs pale yellow.

Expanse $1\frac{1}{4}$ inch.

Hab. Peru, Rio Napo (*Whitely*, *Mus. Druce*).

Neritos patara, sp. n.

Male.—Primaries pale yellow, slightly hyaline about the middle; the basal third of the wing and a square-shaped spot close to the apex pale brown: secondaries pink, the apex and outer margin edged with brown. The head yellow; antennæ

brown, with the tips yellow; thorax dark fawn-colour; abdomen pink; legs pale brownish pink.

Expanse $1\frac{1}{4}$ inch.

Hab. British Guiana, Essequibo River (*Whitely, Mus. Druce*).

Neritos cutheans, sp. n.

Primaries very similar to those of *N. amastris*, but darker and marked with yellow instead of red, and the outer margin broadly bordered with yellow almost to the anal angle: secondaries white instead of pink. Head and thorax yellowish; abdomen red on the upperside, yellow on the underside; antennæ and legs pinkish brown.

Expanse 2 inches.

Hab. Colombia, Frontino Antioquia (*Salmon, Mus. Druce*).

Phæoptera triphyllia, sp. n.

Female.—Primaries and secondaries dull smoky brown, with the veins all black. The head, collar, thorax, and tegulæ bright orange-yellow, the tegulæ tipped and edged with brown on the outer side; the antennæ, palpi, underside of the head, abdomen, and legs all black; the upperside of the abdomen deep black, except the four anal segments, which are bright orange-yellow; a row of bright orange-yellow spots on each side of the abdomen extending from the base to the anus.

Expanse 3 inches.

Hab. Panama, Chiriqui (*Trötsch, in Mus. Staudinger*).

This species is allied to *Lophocampa humosa*, Dogn., from Ecuador, but is at once distinguished from that species by having the underside of the head and thorax black instead of orange-yellow and by the row of orange-yellow spots on each side of the abdomen: also the base of the abdomen is black instead of yellow and the four anal segments are yellow; in *L. humosa* only three are yellow. *Lophocampa humosa*, Dogn., should be placed in the genus *Phæoptera*.

Gnophæla epicharis, sp. n.

Male.—Primaries pale brownish fawn-colour, the veins and the fringe dark brown; a large yellowish-white square-shaped spot at the end of the cell, beyond which nearer the apex are two small spots of the same colour: secondaries pale, shading to dark yellowish brown beyond the middle, the veins and fringe dark brown. The head, antennæ, and thorax

black; abdomen blue-black; the sides of the head and the underside of the thorax bright orange.

Expanse $1\frac{3}{4}$ inch.

Hab. Guatemala (*Conradt*).

A female in Dr. Staudinger's collection is identical with the male, but paler in colour.

Fam. Lithosiidæ.

Eudule leopardina, sp. n.

Primaries black, with three bands of red spots crossing from the costal to the inner margin; in some specimens these spots are much more broken than in others; the fringe black; secondaries red; a black spot at the end of the cell and one on the inner margin; the apex and outer margin edged with black. The head, antennæ, thorax, abdomen, and legs black, the abdomen banded with white.

Expanse 1 inch.

Hab. Bolivia (*Mus. Druce*).

Eudule strigilis, sp. n.

Primaries and secondaries chrome-yellow; primaries crossed from the costal margin near the apex to the outer margin by a narrow black band; the apex and outer margin edged with black; secondaries, the apex and outer margin black. Antennæ black; head, thorax, and abdomen chrome-yellow, abdomen banded with black.

Expanse 1 inch.

Hab. Bolivia (*Mus. Druce*).

Fam. Melameridæ.

Darna maxima, sp. n.

Male.—Primaries and secondaries dull slate-colour; primaries crossed beyond the middle by a wide pale yellow band, the apex black; the inner side of the band and the costal margin to the base black. Antennæ and legs black; head, thorax, and abdomen greyish black.—*Female* very similar to the male, but larger.

Expanse, ♂ $1\frac{3}{4}$, ♀ 2 inches.

Hab. Bolivia (*Mus. Druce*).

This species is allied to *D. colorata*, Walker, and to *D. inca*, Schaus, but very distinct from either.

Thirmida gigantea, sp. n.

Primaries orange-yellow, the costal margin, veins, and inner margin black; the apex very broadly slate-colour: secondaries semihyaline slate-colour; the veins, costal margin, and apex blackish. The head and antennæ black; thorax, abdomen, and legs slate-colour.

Expanse $2\frac{1}{4}$ inches.

Hab. Bolivia (*Mus. Druce*).

This species is allied to *T. dimidiata*, Walk.

Fam. Acontidæ.

Eugraphia splendens, sp. n.

Male.—Primaries cream-colour; a fine brown line crosses the wing about the middle from the costal to the inner margin, beyond which is a curved row of reddish-brown spots, those nearest the apex being the brightest; two black dots streaked with blue close to the anal angle; a wide fawn-coloured line extends from the apex to the end of the cell, also a marginal fawn-coloured line along the outer margin; the fringe cream-colour: secondaries bright chrome-yellow, with three black spots close to the apex; the fringe cream-colour. Antennæ black; head and thorax cream-colour; abdomen chrome-yellow.

Expanse $1\frac{3}{10}$ inch.

Hab. Ecuador, Guayaquil (*Dolby-Tyler, Mus. Druce*).

This beautiful species is allied to *E. effusa*, Druce, from Sarayacu, but very distinct.

V.—*On some new Pierine Butterflies from Colombia.* By A. G. BUTLER, Ph.D. &c., Senior Assistant-Keeper of the Zoological Department, British Museum.

EARLY in the present year a small collection of insects from Colombia was submitted to the staff of the Department for examination. Among the Butterflies I selected, as desiderata to the Museum series, examples of three species of Pierinæ belonging to the genera *Mylothris* and *Pieris*; two of these proved to be undescribed.

MYLOTHRIS (Section *Perrhybris*), Hübn.

I cannot see my way to a generic separation of the New-